MYCOLOGIA

VOLUME XXII, 1930

MYCOLOGIA

EDITOR

FRED JAY SEAVER

Volume XXII, 1930

With 25 Plates and 11 Figures

ASSOCIATE EDITORS

JOSEPH C. ARTHUR
HOWARD J. BANKER
JOHN H. BARNHART
A. H. REGINALD BULLER
CARLOS E. CHARDON
FREDERIC E. CLEMENTS
JOHN DEARNESS
BERNARD O. DODGE
HARRY M. FITZPATRICK
ROBERT A. HARPER
HERBERT S. JACKSON
FRANK D. KERN
THOMAS H. MACBRIDE
LEE O. OVERHOLTS
JOHN RAMSBOTTOM
CORNELIUS L. SHEAR
TYÔZABURÔ TANAKA
HERBERT H. WHETZEL

PUBLISHED BIMONTHLY FOR

THE NEW YORK BOTANICAL GARDEN

By LANCASTER PRESS, INC.

LANCASTER, PA

LANCASTER PRESS, INC.
LANCASTER, PA.

CATALOGED
V. 22

TABLE OF CONTENTS

No. 1. January–February

PAGE

A Mycological Foray through the Mountains of Colorado, Wyoming and South Dakota, Fred J. Seaver and Paul F. Shope 1
Breeding Albinistic Strains of the Monilia Bread Mold, B. O. Dodge ... 9
Straw Compost for Mushroom Culture, Illo Hein 39
Notes and Brief Articles 44

No. 2. March–April

Bresadola, William Alphonso Murrill 49
Photographs and Descriptions of Cup-Fungi—X. Ascotremella, Fred J. Seaver 51
A New Trichoglossum, J. W. Sinden and H. M. Fitzpatrick 55
A New Porto Rican Species of Acremoniella, Raffaele Ciferri and Bailey K. Ashford 62
New Species of Lichens from Porto Rico—III, A. Zahlbruckner 69
Notes on the Agaricaceae of Vancouver (B. C.) District—I, Jean E. Davidson 80
Moss-Mites as Spore-Bearers, Arthur Paul Jacot 94
Notes on Pennsylvania Ustilaginales—I, George L. Zundel 97
Notes and Brief Articles 101

No. 3. May–June

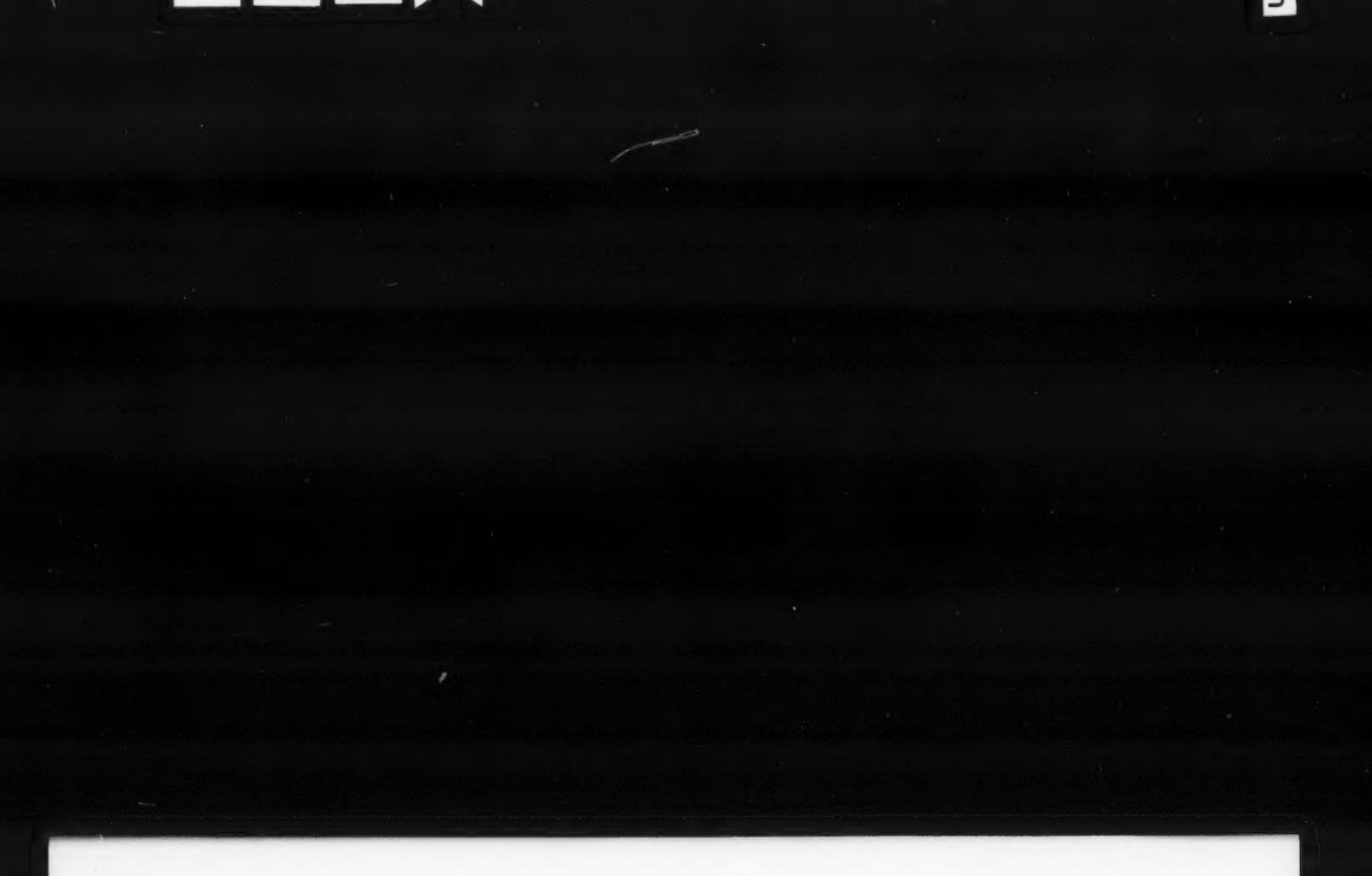
The Dehiscence of Mycenastrum corium, W. H. Long 103
Sphaceloma Symphoricarpi, Anna E. Jenkins 106
Fungi of Santo Domingo—III. Uredinales, F. D. Kern and R. Ciferri 111
The Non-Sexual State of Aphanomyces phycophilus, F. K. Sparrow, Jr. 118
Photographs and Descriptions of Cup-Fungi—XI. Solenopezia, Fred J. Seaver 122
Monographic Studies on the Ustilaginales Attacking Andropogon, George Lorenzo Ingram Zundel 125
Notes and Brief Articles 159

No. 4. July–August

Photographs and Descriptions of Cup-Fungi—XII. Elvelaceae, Fred J. Seaver 163
A New Species of Chaetomella on Rose, Marjorie E. Swift 165
Development of the Asexual Fructifications of Chaetomella raphigera and Pezizella Lythri, B. O. Dodge 169
The Relationship between the Blue-Staining Fungi Ceratostomella and Graphium, Caroline T. Rumbold 175
A New Variety of Acrothecium obovatum, Bailey K. Ashford and Raffaele Ciferri: 180
Cultural Studies of Some Soil Fungi, E. L. LeClerg 186
Notes and Brief Articles 211

NO. 5. SEPTEMBER–OCTOBER

Photographs and Descriptions of Cup-Fungi—XIII. Subhypogeous Forms, FRED J. SEAVER 215
A New Chanterelle in California, ELIZABETH EATON MORSE 219
Trametes hispida a Destructive Parasite in Apple Orchards, ERNEST C. SMITH 221
A New Truffle in Beds of Cultivated Mushrooms, W. W. DIEHL and E. B. LAMBERT 223
Soy-Bean Stover Compost for Mushroom Culture, ILLO HEIN 227
Mycological Notes for 1928–1929, L. O. OVERHOLTS 232
New Species of Lichens from Porto Rico—IV, JOYCE HEDRICK 247
Mycetozoa from Jones Beach State Park, ROBERT HAGELSTEIN 256
Notes and Brief Articles 263

NO. 6. NOVEMBER–DECEMBER

Notes on Tremellogaster surinamensis, DAVID H. LINDER 265
New Fungi Found on the Indian Corn Plant in Illinois, G. L. STOUT 271
On the Resistance of Neurospora crassa, ANNA F. FAULL 288
Stemphylium congestum and its Relation to Decay in Apples, GEORGE D. RUEHLE 304
Fomes Everhartii Associated with the Production of Sterile Rimose Bodies on Fagus grandifolia, RAY R. HIRT 310
The Structure of the Perithecium in the Meliolineae, MILDRED E. RAGLE 312
Septation of the Ascus in Dothidina, RHODA B. CROUCH 316
A Study of Some Homothallic and Heterothallic Ascomycetes, LAWRENCE M. AMES 318
Notes and Brief Articles 323